

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"590193".ap.	US-PGPUB	OR	ON	2008/12/08 09:22
S2	3	Gaydoul-Jurgen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/08 09:23
S3	127	29/81.08.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/08 09:26
S4	16	("3510065"   "3811305"   "4537639"   "5028004"   "5220935"   "5296038").PN. OR ("5502881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/08 09:55
S5	414	(HERMETIK HYDRAULIK).as.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/08 09:56
S6	40	(HERMETIK HYDRAULIK).as. and nozzle	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/08 09:57
S19	1446	B21B45/08.cipg. or B21B045/08.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 11:16
S21	1328	(B21B45/08.cipg. or B21B045/08.ipc.) not us.cc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 11:16

S22	551	((B21B45/08.cipg. or B21B045/08.ipc.) not us.cc.) and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 11:17
S23	2	JP-11216513-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/08 11:36
S24	155	B21B45/08.cipp.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 11:37
S25	2	DE-4328303-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/08 11:57
S27	334	rota\$4 adj "nozzle head"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 12:07
S29	25	(rota\$4 adj "nozzle head").ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 12:23

S30	1599	Schloemann-Siemag.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 12:31
S31	125	Schloemann-Siemag.as. and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 12:31
S32	2	"4806172".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 12:36
S33	22	("1919027"   "3709436"   "4184638"   "4307840"   "4424769"   "4452183").PN. OR ("4806172").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/08 12:36
S34	3	("5617886").URPN.	USPAT	OR	ON	2008/12/08 12:41
S35	66	("1865853"   "3130786"   "3145776"   "3191697"   "3234723"   "3853185"   "3924698"   "3960407"   "4050529"   "4119160"   "4134453"   "4317492"   "4346761"   "4368786"   "4497381"   "4533182"   "4640362"   "4821961"   "4826087"   "4848486"   "4852668"   "4896733"   "4957173"   "5113953"   "5148877"   "5148880"   "5183111"   "5230388"   "5269384"   "5291956"   "5413184"   "5445220"   "5469925"   "5477923"   "5553680"   "5570712"   "5617886"   "5765756"   "5853056"   "5879057"   "5934390"   "6167968").PN. OR ("6263984").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/08 12:47
S36	61	134/119.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:48

S37	855	134/172.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:51
S38	106	134/121.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:59
S39	101	(rota\$4 adj "nozzle head").ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 15:02
S40	2	"6082634".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 15:11
S41	55	239/667.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 15:13
S42	162	239/214.15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 15:14

S43	25	(rota\$4 adj "nozzle head").ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 15:59
S45	334	rota\$4 adj "nozzle head"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 15:59
S46	220	S45 not (S43 or S39)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 15:59
S47	164	29/81.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/08 16:09
S48	8	29/81.05.ccls. and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/08 16:10
S49	496	((B21B45/08.cipg. or B21B045/08.ipc.) not us.cc.) and nozzle.ti, ab,clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 16:13

S50	30	((B21B45/08.cipg. or B21B045/08.ipc.) not us.cc.) and (nozzle near3 (rota\$4 or spin\$4.ti or turn\$3)).ti,ab,clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 16:31
S51	2	"5,388,602".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 16:35
S52	59	rota\$4 with desc\$3 with nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 16:43
S53	3	("3883075"   "4151808"   "5220935").PN. OR ("6149733").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/08 16:53
S54	17	72/39.ccls. and ((rota\$4 or turn\$3 or spin\$4) with nozzle)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/08 16:59
S55	28	72/39.ccls. and nozzle.ti,ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 08:05
S56	7	"rotary nozzle head"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 08:09
S57	1289	(rota\$4 with nozzle with head).ti,ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 08:14
S58	595	(rota\$4 near3 head with nozzle).ti,ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 08:15
S59	97	(rota\$4 adj head with nozzle).ti,ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 08:16
S60	16	("3510065"   "3811305"   "4537639"   "5028004"   "5220935"   "5296038").PN. OR ("5502881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 08:42

S61	44	(rota\$4 adj head with jet).ti,ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 08:54
S62	14	"rotary jet head"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 09:00
S63	19	72/39.ccls. and jet.ti,ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 09:03
S64	19	(HERMETIK HYDRAULIK).as. and jet	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 09:07
S65	920	29/81.01,81.06,81.08,81.09,890.142,890.143.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/10 14:13
S66	1	DE-2901896-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/23 10:19
S67	27	"nozzle head" with rotat\$4 with "opposite directions"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/23 10:50
S68	0	"nozzle head" with rotat\$4 with "on and off"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/23 12:09

S69	0	"nozzle head" with "on and off"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/23 12:10
S70	0	"nozzle head" same "on and off"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/23 12:10

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